

Patent claims

1. A device for automatically sorting periodic data records, in particular for representing the motion of parts in the human body from individual images, characterized in that an examination monitor with a storage device for the data records is assigned a measuring and evaluation device which measures in the data records two separate points or a line of the moving part and, on the basis of their changes in distance or phase shifts, sorts the data records into a cyclic sequence.
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2. The device as claimed in claim 1, characterized in that the cyclically ordered data records are combined to form a film.
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3. The device as claimed in claim 1 or 2, characterized in that the waveform on which the periodicity is based can be prescribed by an input device.
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4. The device as claimed in claim 3, characterized in that the waveforms comprise triangles, rectangles or sinusoidal curves.
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5. The device as claimed in one of claims 1 to 4, characterized in that the data records are images recorded stroboscopically without defined frequency and phase relationships.
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6. The device as claimed in one of claims 1 to 4, characterized in that the data records are individual images of X-ray pictures or of MR pictures.
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